

**WEST****Generate Collection****Search Results - Record(s) 1 through 1 of 1 returned.** 1. Document ID: US 5784058 A

L17: Entry 1 of 1

File: USPT

Jul 21, 1998

US-PAT-NO: 5784058

DOCUMENT-IDENTIFIER: US 5784058 A

TITLE: User-controllable persistent browser display pages

DATE-ISSUED: July 21, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
LaStrange; Thomas E.	Colorado Springs	CO	N/A	N/A
Hammontree; Monty L.	Monument	CO	N/A	N/A

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Sun Microsystems, Inc.	Palo Alto	CA	N/A	N/A	02

APPL-NO: 8/ 654138

DATE FILED: May 28, 1996

INT-CL: [6] G06F 3/00

US-CL-ISSUED: 345/340

US-CL-CURRENT: 345/738

FIELD-OF-SEARCH: 395/333, 395/335, 395/340-346, 395/356, 395/357, 345/333, 345/334, 345/340, 345/345, 345/346, 707/910

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>5394521</u>	February 1995	Henderson, Jr. et al.	345/346
<u>5467102</u>	November 1995	Kuno et al.	345/1
<u>5625781</u>	April 1997	Cline et al.	345/335

## OTHER PUBLICATIONS

Netscape 3.0 Screen Dumps pp. 1-4 from http://www.search.hotbot.comm.

"Front Page Makes it Fit to Print," InfoWorld, (27 Nov. 1995) pp. 125.

"D &amp; H Distributing Tapped to Delirer Win Cast . . . , " Computer Reseller News, (7 Oct. 1996). pp. 160.

"New Software from Lexis-Nexis," Law Office Technology Review, (13 Jun. 1997) v. 6, No. 6-1.

"Overset: Interactive," Media Daily, (4 Dec. 1996) vol. 4, No. 5.

ART-UNIT: 273

PRIMARY-EXAMINER: Katbab; A.

ATTY-AGENT-FIRM: Kubida; William J. Pinto; James A. Holland &amp; Hart LLP

## ABSTRACT:

The present invention provides a user control mechanism for selectively retaining for display a document obtained from a network. The user control is located as an icon or symbol in the browser interface for ease of use. Subsequent documents which are

Record List Display symbol in the browser interface for ease of use. Subsequent documents which are downloaded from the network are displayed in a separate window of the display in the computing system, and these subsequent windows are also provided with the same user control mechanism. In particular, the user can selectively create a second browser display page by following a link contained in the first browser display page, without overwriting the contents of the first browser display page.

9 Claims, 7 Drawing figures

Full | Title CNT.1 REV.1 CLS.1 PFF.1 DRAW.1

Generate Collection

Terms	Documents
5784058.pn.	1

Display

40 Documents, starting with Document: 1

Display Format: TI Change Format

**WEST****Generate Collection****Search Results - Record(s) 1 through 5 of 5 returned.** 1. Document ID: US 5933142 A

L16: Entry 1 of 5

File: USPT

Aug 3, 1999

US-PAT-NO: 5933142

DOCUMENT-IDENTIFIER: US 5933142 A

TITLE: User-controllable persistent browser display pages

DATE-ISSUED: August 3, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
LaStrange; Thomas E.	Colorado Springs	CO	N/A	N/A
Hammontree; Monty L.	Monument	CO	N/A	N/A

US-CL-CURRENT: 345/788[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 2. Document ID: US 5907324 A

L16: Entry 2 of 5

File: USPT

May 25, 1999

US-PAT-NO: 5907324

DOCUMENT-IDENTIFIER: US 5907324 A

TITLE: Method for saving and accessing desktop conference characteristics with a persistent conference object

DATE-ISSUED: May 25, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Larson; James A.	Beaverton	OR	N/A	N/A
Elliott; Jim	Portland	OR	N/A	N/A
Boss; Dale	Beaverton	OR	N/A	N/A
Iyengar; Sridhar	Beaverton	OR	N/A	N/A

US-CL-CURRENT: 345/753; 345/751, 345/971[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 3. Document ID: US 5784058 A

L16: Entry 3 of 5

File: USPT

Jul 21, 1998

US-PAT-NO: 5784058

DOCUMENT-IDENTIFIER: US 5784058 A

TITLE: User-controllable persistent browser display pages

DATE-ISSUED: July 21, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
LaStrange; Thomas E.	Colorado Springs	CO	N/A	N/A
Hammontree; Monty L.	Monument	CO	N/A	N/A

US-CL-CURRENT: 345/738

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Clip Img</a>	<a href="#">Image</a>
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 4. Document ID: JP 10091383 A

L16: Entry 4 of 5

File: JPAB

Apr 10, 1998

PUB-NO: JP410091383A

DOCUMENT-IDENTIFIER: JP 10091383 A

TITLE: USER CONTROLLABLE PERSISTENT BROWSER DISPLAY PAGE

PUBN-DATE: April 10, 1998

## INVENTOR-INFORMATION:

NAME	COUNTRY
LASTRANGE, THOMAS E	
HAMMONTREE, MONTY L	

INT-CL (IPC): G06F 3/14; G06F 13/00; G06F 13/00; G09G 5/22

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Clip Img</a>	<a href="#">Image</a>
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 5. Document ID: EP 810536 A1

L16: Entry 5 of 5

File: EPAB

Dec 3, 1997

PUB-NO: EP000810536A1

DOCUMENT-IDENTIFIER: EP 810536 A1

TITLE: User-controllable persistent browser display pages

PUBN-DATE: December 3, 1997

## INVENTOR-INFORMATION:

NAME	COUNTRY
LASTRANGE, THOMAS E	US
HAMMONTREE, MONTY L	US

INT-CL (IPC): G06F 17/30

EUR-CL (EPC): G06F017/30

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Clip Img</a>	<a href="#">Image</a>
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Terms	Documents
persistent near brows\$	5

Documents, starting with Document:

Display Format:

**WEST** **Generate Collection**

L24: Entry 17 of 162

File: USPT

May 29, 2001

US-PAT-NO: 6240444

DOCUMENT-IDENTIFIER: US 6240444 B1

TITLE: Internet web page sharing

DATE-ISSUED: May 29, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fin; Tong-Haing	Harrison	NY	N/A	N/A
Fujisaki; Tetsunosuke	Armon	NY	N/A	N/A
Kobayashi; Makoto	Toyko	N/A	N/A	JPX
Shinozaki; Masahide	Toyko	N/A	N/A	JPX

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
International Business Machines Corporation	Armonk	NY	N/A	N/A	02

APPL-NO: 8/ 722287

DATE FILED: September 27, 1996

INT-CL: [7] G06F 15/16, G06F 17/00

US-CL-ISSUED: 709/205; 709/320

US-CL-CURRENT: 709/205; 709/320

FIELD-OF-SEARCH: 395/200.38, 395/200.39, 395/200.4, 395/200.41, 395/200.34, 395/200.35, 395/200.48, 709/204, 709/205, 709/206, 709/207, 709/320

## PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>5008853</u>	April 1991	Bly et al.	364/900
<input type="checkbox"/> <u>5206934</u>	April 1993	Naef, III	709/204
<input type="checkbox"/> <u>5220657</u>	June 1993	Bly et al.	395/425
<input type="checkbox"/> <u>5293619</u>	March 1994	Dean	395/650
<input type="checkbox"/> <u>5315711</u>	May 1994	Barone et al.	395/275
<input type="checkbox"/> <u>5339389</u>	August 1994	Bates et al.	395/153
<input type="checkbox"/> <u>5363507</u>	November 1994	Nakayama et al.	395/800
<input type="checkbox"/> <u>5371852</u>	December 1994	Attanasio et al.	395/200
<input type="checkbox"/> <u>5379374</u>	January 1995	Ishizaki et al.	395/155
<input type="checkbox"/> <u>5442788</u>	August 1995	Bier	395/650
<input type="checkbox"/> <u>5446842</u>	August 1995	Schaeffer et al.	395/200.01
<input type="checkbox"/> <u>5537548</u>	July 1996	Fin et al.	395/200.04
<input type="checkbox"/> <u>5721842</u>	February 1998	Beasley et al.	395/311
<input type="checkbox"/> <u>5862330</u>	January 1999	Anupam et al.	709/204

## FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 527 590 A2	February 1993	EPX	
9508793	March 1995	WOX	

## OTHER PUBLICATIONS

Peters, R. & Neuss, C., "Crystal Web--A Distributed Authoring Environment for the World-Wide Web," Computer Networks and ISDN Systems, vol. 27, 1995, pp. 861-870.  
 Haake, J. M. & Wilson, B., "Supporting Collaborative Writing of Hyperdocuments in SEPIA," Proceedings of the Conference on Computer Supportive Cooperative Work, Oct. 31, 1992, pp. 138-146.  
 Watanabe, K., Sakata, S., Maeno, K., Fukuoka, H. & Ohmori, T., "Multimedia Desktop Conferencing System: Mermaid," NEC Research and Development, vol. 32, No. 1, Jan. 1, 1991, pp. 158-167.  
 Mosaic + XTV = CoReview; Maly et al.; Computer Science Dept., Old Dominion University, Norfolk, Virginia 23529.  
 On the Partitioning of Function in Distributed Collaboration Systems; SIGOIS Bulletin, Dec. 1994/vol. 15, No. 2.  
 Microsoft Visual C++ "Professional Subscription"--Pages Marked as 1-14.  
 Netscape's DDE Implementation; <http://home.netscape.com/newsref/std/ddeapi.html>--16 pages.

ART-UNIT: 213

PRIMARY-EXAMINER: Dinh; Dung C.

ATTY-AGENT-FIRM: McGuireWoods, LLP Percello, Esq.; Louis J.

## ABSTRACT:

The web sharing manager of a receiving sharing client receives duplicated events (e.g. browser requests) and messages from the web sharing manager of a source sharing client that causes the browser of the receiving sharing client to execute the duplicate event/message so that the browsers of the source and receiving sharing client computer system(s) process the same events/messages. Because events/messages, that include control and information locations (addresses), are shared between the source and receiving and sharing client(s), the same web page is simultaneously displayed and controlled, i.e. shared, on all of the sharing client(s).

24 Claims, 16 Drawing figures

**WEST**
 **Generate Collection**

L24: Entry 37 of 162

File: USPT

Mar 6, 2001

US-PAT-NO: 6199096

DOCUMENT-IDENTIFIER: US 6199096 B1

TITLE: Method and apparatus for synchronizing information browsing among multiple systems

DATE-ISSUED: March 6, 2001

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mirashrafi; Mojtaba	Portland	OR	N/A	N/A
Buondonno; Michael F.	Beaverton	OR	N/A	N/A
Elliott; John D.	Portland	OR	N/A	N/A
Keeler; Kenneth L.	Hillsboro	OR	N/A	N/A
Pirkle; Keith A	Vancouver	WA	N/A	N/A
Simon; Al J.	Hillsboro	OR	N/A	N/A
Taylor; George L.	Tigard	OR	N/A	N/A
Zuber; Mark D.	Beaverton	OR	N/A	N/A

**ASSIGNEE-INFORMATION:**

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
eFusion, Inc.	Beaverton	OR	N/A	N/A	02

APPL-NO: 8 / 818741

DATE FILED: March 14, 1997

INT-CL: [7] G06F 15/15

US-CL-ISSUED: 709/202

US-CL-CURRENT: 709/202

FIELD-OF-SEARCH: 370/352, 370/353, 370/380, 370/392, 370/396, 370/401, 370/404, 370/427, 370/435, 370/450, 370/465, 370/485, 370/503, 379/90.01, 379/93.01, 379/93.05, 379/93.09, 379/100.15, 379/100.16, 375/355, 375/356, 709/2D, 709/201, 709/202, 709/203, 709/400

**PRIOR-ART-DISCLOSED:****U.S. PATENT DOCUMENTS**
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PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <a href="#"><u>4771425</u></a>	September 1988	Baran et al.	340/825.5
<input type="checkbox"/> <a href="#"><u>5390169</u></a>	February 1995	Bernstein	N/A
<input type="checkbox"/> <a href="#"><u>5526353</u></a>	June 1996	Henley et al.	375/371
<input type="checkbox"/> <a href="#"><u>5539884</u></a>	July 1996	Robrock, II	N/A
<input type="checkbox"/> <a href="#"><u>5583920</u></a>	December 1996	Wheeler, Jr.	379/88
<input type="checkbox"/> <a href="#"><u>5608446</u></a>	March 1997	Carr et al.	348/6
<input type="checkbox"/> <a href="#"><u>5696760</u></a>	December 1997	Hardin et al.	370/252
<input type="checkbox"/> <a href="#"><u>5884032</u></a>	March 1999	Bateman et al.	395/200.34

**OTHER PUBLICATIONS**

Patent Cooperation Treaty's International Application Publication No. WO 96/38018, published Nov. 28, 1996, 26 pgs.

Patent Cooperation Treaty's International Search Report for International Application No. PCT/SE 96/00680, dated Sep. 20, 1996, 2 pgs.

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"Advanced Intelligent Internet," <http://www.genesyslab.com/genesys/press/archived/ainn.html>, Genesys Publications, Dec. 13, 1995 and Jan. 10, 1996.

"IDT Releases Net2Phone Commercial Version Three Months Ahead of Schedule," IDT Press Release, <http://www.idt.net/8-5-96.html>, pp. 1-3, Aug. 5, 1996.

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Hill, Jon, "Net2Phone Makes the Call," PC Magazine, p. 58, Oct. 22, 1996.

"IDT Unveils Full-Duplex Version of Net2Phone," IDT Press Release, <http://www.idt.net/11-8-96.html>, pp. 1-2, Nov. 8, 1996.

"IDT Unveils Net2Phone Direct at COMDEX," IDT Press Release, <http://www.idt.net/11-21-96.html>, pp. 1-2, Nov. 21, 1996.

Abstract, "SET: Bellcore Specification of Signaling System No. 7 (SS7)," <http://www.bellcore.com>, p. 1, 1996.

Abstract, "Bellcore Specification of Signaling System No. 7 (SS7)," <http://www.bellcore.com>, pp. 1-2, 1996.

"Atlas Telecom Delivers New Enhanced Services Platform Based on Natural MicroSystems Open Telecommunications Technology," [http://www.nmss.com/nmsweb/288a\\_1f6.html](http://www.nmss.com/nmsweb/288a_1f6.html), Nov. 5, 1996.

Telephony Services Architecture: "Natural Platforms," [http://www.nmss.com/nmsweb/2486\\_1e6.html](http://www.nmss.com/nmsweb/2486_1e6.html), 1996.

Natural Platforms: AG-T1 Datasheet "24 Ports of Voice Processing, an Integrated T1 Interface, and Natural Media Options," [http://www.nmss.com/nmsweb/22b6\\_1c6.html](http://www.nmss.com/nmsweb/22b6_1c6.html), 1996.

"Frequently Asked Questions--Technical Support FAQ's," What is Net2Phone, <http://www.net2phone.com/techfaq.html>, pp. 2-8.

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"Microlegend SS7 Tutorial: The SS7 Protocol Stack", <http://www.microlegend.com/stack.html>, pp. 1-2, last update May 23, 1997.

"Microlegend SS7 Tutorial: Signaling Connection Control Part", <http://www.microlegend.com/sccp.html>, p. 1, last update May 23, 1997.

"Microlegend SS7 Tutorial: Transaction Capabilities Application Part", <http://www.microlegend.com/tcap.html>, pp. 1-2, last update May 23, 1997.

"Microlegend SS7 Tutorial: What is SS7?", <http://www.microlegend.com/whatss7.html>, pp. 1-3, last update May 25, 1997.

"Microlegend SS7 Tutorial: Message Transfer Part", <http://www.microlegend.com/mtp.html>, pp. 1-5, last update Jun. 9, 1997.

"Microlegend SS7 Tutorial: ISDN User Part", <http://www.microlegend.com/isup.html>, pp. 1-3, last update, Jun. 10, 1997.

Telephony Gateway White Paper, "VocalTec Telephony Gateway," <http://www.vocaltec.com>, pp. 2-9; (copyright) 1993-1996.

ART-UNIT: 278

PRIMARY-EXAMINER: Patel, Ajit

ATTY-AGENT-FIRM: Blakely Sokoloff Taylor & Zafman, LLP

ABSTRACT:

In accordance with a method and apparatus for synchronization information browsing among multiple systems, a bridgeport system receives identifiers for data requests received in a first hardware system and automatically transmits the identifier of the requested data to one or more additional hardware systems. Each of these one or more additional hardware systems then retrieves the identified data, thereby keeping the data being provided in these hardware systems in synchronization.

18 Claims, 7 Drawing figures

**WEST****Freeform Search****Database:**

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- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

**Term:****Display:****40 Documents in Display Format: CIT Starting with Number 1****Generate:**  Hit List  Hit Count  Image**Search****Clear****Help****Logout****Interrupt****Main Menu****Show S Numbers****Edit S Numbers****Preferences****Search History****Today's Date: 7/19/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l28 and data	32	<u>L30</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l27 and data	19	<u>L29</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l26 and persistent	32	<u>L28</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l25 and persistent	19	<u>L27</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l23 and control	131	<u>L26</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l24 and control	162	<u>L25</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l22 and control	162	<u>L24</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l19 and browser	140	<u>L23</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l18 and browser	167	<u>L22</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l18 and persistent near browser	1	<u>L21</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l19 and persistent near browser	0	<u>L20</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	computer near conferenc\$	2883	<u>L19</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	video near conferenc\$	6546	<u>L18</u>
USPT	5784058.pn.	1	<u>L17</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	persistent near brows\$	5	<u>L16</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l14 and flag\$	3	<u>L15</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l13 and data	14	<u>L14</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l11 and second near host	14	<u>L13</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	second near host	1332	<u>L12</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	browser and first near host	41	<u>L11</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l9 and first near host	3	<u>L10</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	information near browser	251	<u>L9</u>
USPT	5859974.pn.	1	<u>L8</u>
USPT	6020884.pn.	1	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l5 and browser	2	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l4 and second near data	27	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l3 and second near host near system	56	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l2 and data	126	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	first near host near system	132	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	host near systems	17211	<u>L1</u>